

Title (en)

Dosing device for granular or powdered products and mixing method of raw rubber using the same.

Title (de)

Dosiervorrichtung für körnige oder pulverförmige Produkte und Rohkautschuk-Mischungsverfahren unter deren Verwendung.

Title (fr)

Dispositif doseur de produits en grains ou pulvérulents et procédé de mélangeage de caoutchouc crus utilisant ce dispositif.

Publication

EP 0465981 B1 19951025 (FR)

Application

EP 91110890 A 19910701

Priority

FR 9009012 A 19900712

Abstract (en)

[origin: US5314095A] The material to be metered fills the cylinder 1 when it is in front of the admission orifice 31, whereupon the cylinder 1 moves opposite the delivery orifice 32 where the piston 2 describes a movement towards top dead center in order to eject said material out of the cylinder 1. The cylinder 1 then moves towards the admission orifice while the piston 2 remains at top dead center to avoid any return flow, whereupon the cycle starts over again.

IPC 1-7

B29B 7/24; **A21C 5/04**; **G01F 11/02**

IPC 8 full level

G01F 11/00 (2006.01); **A21C 5/04** (2006.01); **B01F 15/02** (2006.01); **G01F 11/02** (2006.01); **G01F 11/04** (2006.01); **G01F 11/22** (2006.01); **G01F 11/24** (2006.01); **G01F 13/00** (2006.01)

CPC (source: EP KR US)

A21C 5/04 (2013.01 - EP US); **B01F 35/7141** (2022.01 - EP US); **G01F 11/024** (2013.01 - EP US); **G01G 15/02** (2013.01 - KR)

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EP 0465981 A1 19920115; **EP 0465981 B1 19951025**; AT E129457 T1 19951115; AU 647494 B2 19940324; AU 8034391 A 19920116; BR 9102979 A 19920211; CA 2047012 A1 19920113; CA 2047012 C 20001219; CN 1027604 C 19950208; CN 1058844 A 19920219; CS 217491 A3 19920617; CZ 285334 B6 19990714; DE 69114062 D1 19951130; DE 69114062 T2 19960411; EG 19487 A 19950629; FR 2664693 A1 19920117; IE 912434 A1 19920115; JP 2981027 B2 19991122; JP H05157606 A 19930625; KR 100190207 B1 19990601; KR 920003038 A 19920229; NZ 238877 A 19930826; PL 167733 B1 19951031; PL 290982 A1 19920406; RU 2066444 C1 19960910; US 5314095 A 19940524; ZA 915318 B 19920429

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